

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 62-257939

(43)Date of publication of application : 10.11.1987

(51)Int.Cl.

C08J 3/12  
C08L 83/07  
// B29B 9/08

(21)Application number : 61-102285

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(22)Date of filing : 02.05.1986

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## (54) PRODUCTION OF SPHERICAL FINE POWDER OF SILICONE ELASTOMER

### (57)Abstract:

**PURPOSE:** To obtain the titled fine powder free from self-fusion tendency, having rubber elasticity and excellent lubricity and useful for thermoplastic resin, etc., by spray-drying an emulsion composed of a hardenable organopolysiloxane composition.

**CONSTITUTION:** The objective fine powder can be produced by emulsifying (A) an organopolysiloxane having  $\geq 2$  vinyl groups bonded to Si atom in one molecule (e.g. the compound of formula I) and (B) an organohydrogen polysiloxane having  $\geq 2$  hydrogen atoms bonded to Si atom in one molecule (e.g. the compound of formula II) in the presence of a surfactant and water to obtain an emulsion having emulsion particle diameter of  $\leq 20\mu\text{m}$ , adding (C) a platinum catalyst to the emulsion and spray-drying the mixture.

